

Part V

- **Ground Water Recharge**
 - Injection
 - Surface Water With Connection
- **Indirect Potable Reuse**
 - Discharge to Class I Surface Waters
- **Land Application Projects**
 - Not Covered by Part V



Injection -- TDS < 3,000 mg/L

- **Secondary & Filtration**
- **Total Coliforms < Detection**
- **TN < 10 mg/L (average)**
- **Drinking Water Standards**
- **TOC < 3 mg/L (average)**
- **TOX < 0.2 mg/L (average)**
- **No Zone of Discharge**
- **Multiple Barriers**
- **Pilot Studies**



Injection -- TDS 3,000-10,000 mg/L

- **Secondary & Filtration**
- **Total Coliforms < Detection**
- **TN < 10 mg/L (average)**
- **Primary Drinking Water Standards**
- **Zone of Discharge**
 - **Secondary Drinking Water Standards**



Salinity Barriers -- Injection

- **Same as for Recharge**
- **Exception:**
 - **TDS 1,000-3,000 mg/L**
 - **1000-ft Setback Distance**
 - **Regulation:**
 - ◆ **Same as for Injection TDS>3,000 mg/L**
 - ◆ **Zone of Discharge**



Aquifer Storage & Recovery (ASR)

- Rule 62-610.466, F.A.C.
- Storage for a Part III Reuse System
- Is “Reuse” upon Recovery and Use
- Extended Zones of Discharge
 - Beyond Property Line



Aquifer Storage & Recovery (ASR)

- **Same as for Recharge**
- **Exception:**
 - **TDS 1,000-3,000 mg/L**
 - **1000-ft Setback Distance**
 - **Regulation:**
 - ◆ **Same as for Injection TDS>3,000 mg/L**
 - ◆ **No TN Limit**
 - ◆ **Extended Zone of Discharge**



Indirect Potable Reuse

- **Discharge to Class I Surface Water**
- **Secondary & Filtration**
- **High-Level Disinfection**
- **TN < 10 mg/L (average)**
- **Drinking Water Standards**
- **TOC < 3 mg/L (average)**
- **500-ft Setback Distance**
- **Meet WQBELs**

